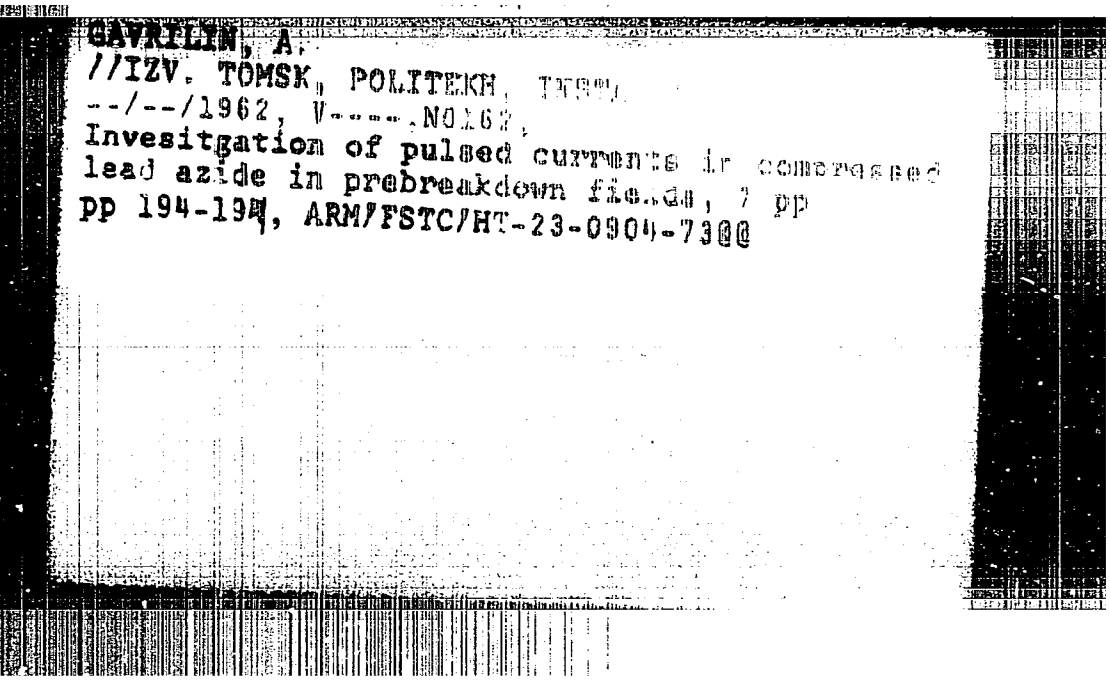
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4


GAVRILIN, A.
//IZV. TOMSK, POLITEKH, INST//
--/--/1962, V----, NO162,
Investigation of pulsed currents in compressed
lead azide in prebreakdown field, 7 pp
pp 194-199, ARM/FSTC/HT-23-0904-73@@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Picatinny Arsenal
Req. 75-20 R

9244/2565
18 Nov 74

Title: (Russian).

Author: Zakharov, Y. A.

Source: Izv. Tomsk. Politekh. Inst. Vol. 199
pp. 3-19 (1969).

Language: Russian

Please translate & type 1 copy only.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

ZAKHAROV, YU. A.
//IZVESTIYA TOMSKOGO POLITEKHNICHESKOGO INSTITUTA//
--/--/1968,VOL99,N----,
Changes in Thermal, Photo, and Radiation
Stabilities of Solid Inorganic Compounds, 38 pp.
pp 35-59,FSTC-HT-23-1098-7360

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

7677/5364
18 Nov 74

Picatinny Arsenal
Req. 75-20 Q

Title: (Russian)

Author: Kurochkin, E.S., et al.

Source: Izv. Tomsk Politekh. Inst. Vol. 199,
pp. [redacted] (1969).
95-9

Language: Russian

Please translate & type 1 copy only.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

KUROCHKIN, E. S.
//IZVESTIYA TOMSKOGO POLITEKHNICHESKOGO INSTITUTA//
--/--/1969,V----,NO199, pp 0095-0099
Influence of Dyes on Thermal Stability of Silver Azide, 7 pp
ARM/FSTC/HT-23-903-73

##

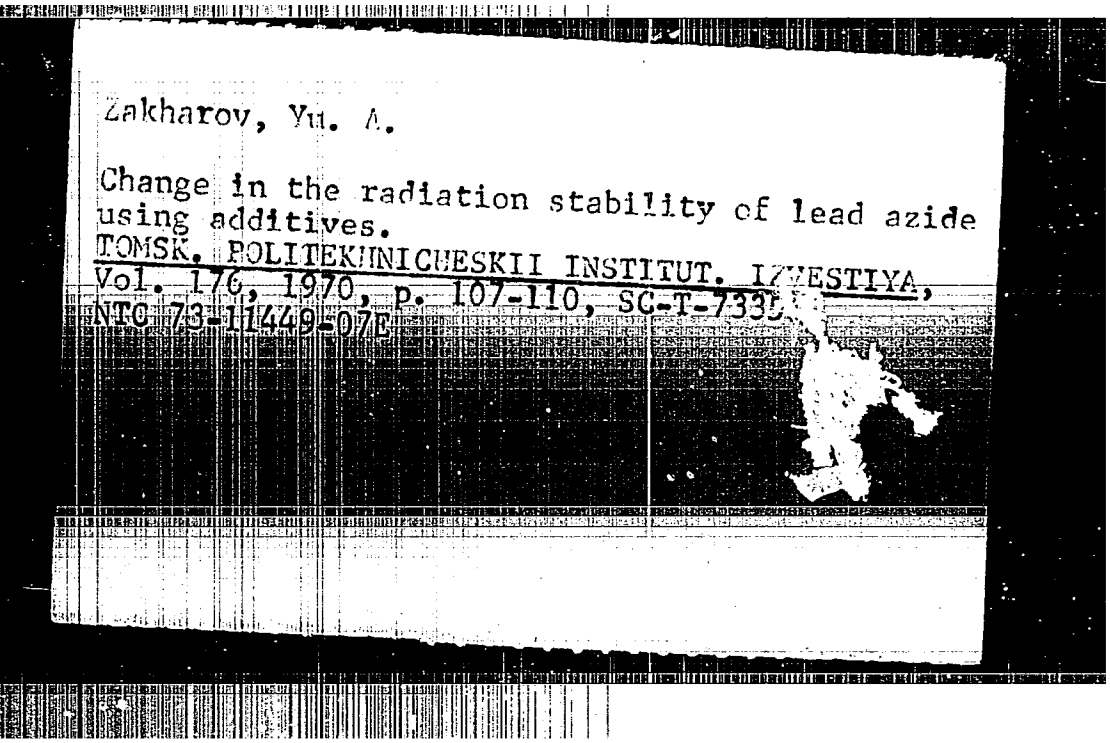
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

VASYUTKOVA, R.A.
//IZV. TOMSK POLITEKH. INST.,/
--/--/1970,V-----,N-----,
Thermal Decomposition of Lead Azide Prepared
Under Various Conditions 10 pp
pp 131-136, ARMY/FSTC-HT-23-0907-7300

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Zakharov, Yu. A.

Change in the radiation stability of lead azide using additives.
TOMSK. POLITEKHNICHESKII INSTITUT. IZVESTIYA,
Vol. 176, 1970, p. 107-110, SC-T-733[illegible]
NTC 73-11449-07E

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

GAVRISHCHENKO, YU. V.
//IZVESTIYA TOMSKOGO POLITEKHNICHESKOGO INSTITUTA//
--/--/1970/V----,NO185, pp 0069-0071
Sensitization of the Photoconductivity and Photo emf of Heavy Metal Azides Colored by Organic Dyes, 5 pp
ARM/FSTC/HT-23-905-73

##

SC-T-722562
NTC 73-11450-07E

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

ZAKHAROV, YU. A.
//IZVESTIYA TOMSKOGO POLITEKHNICHESKOGO INSTITUTA//
--/--/1970, V[illegible], N[illegible], pp 0203-0212,
Influence of the Distribution of CU++ Impurity on Thermal Stability of AGN3, 9 pp
ARM/FSTC/HT-23-908-73 ##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Zakharov, Yu. A.

Investigation of electrical breakdown and excitation of detonation in the azides of thallium and copper. Part II.

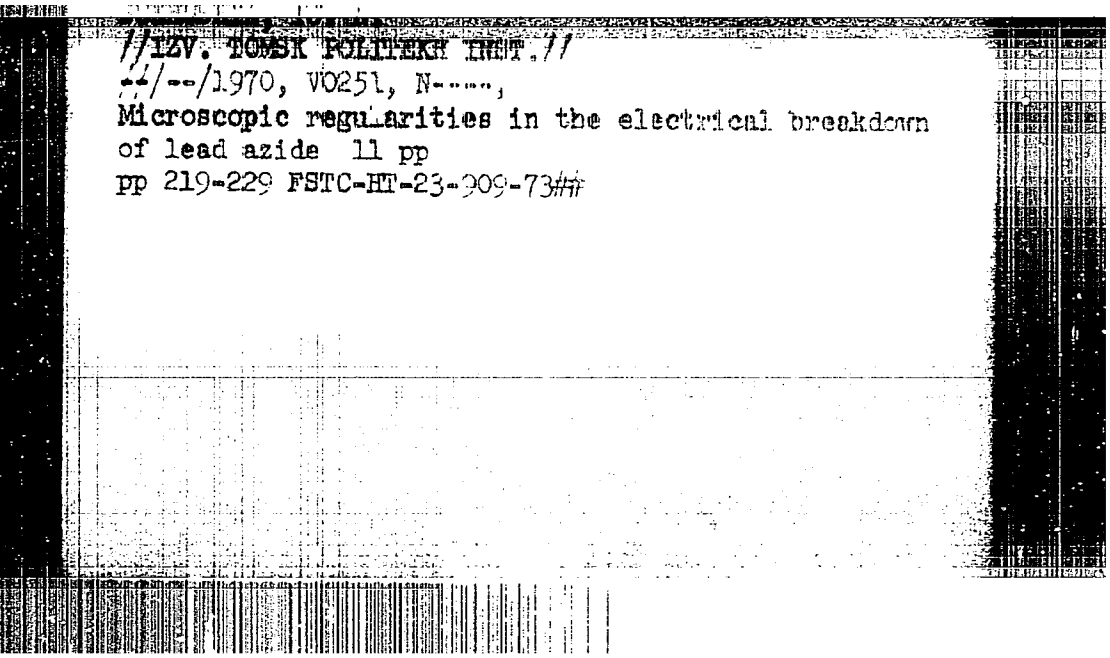
TOMSK. POLITEKHNICHESKII INSTITUT. IZVESTIYA, Vol 251, P. 213-218, 1970.

NTC 73-10674-20L

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

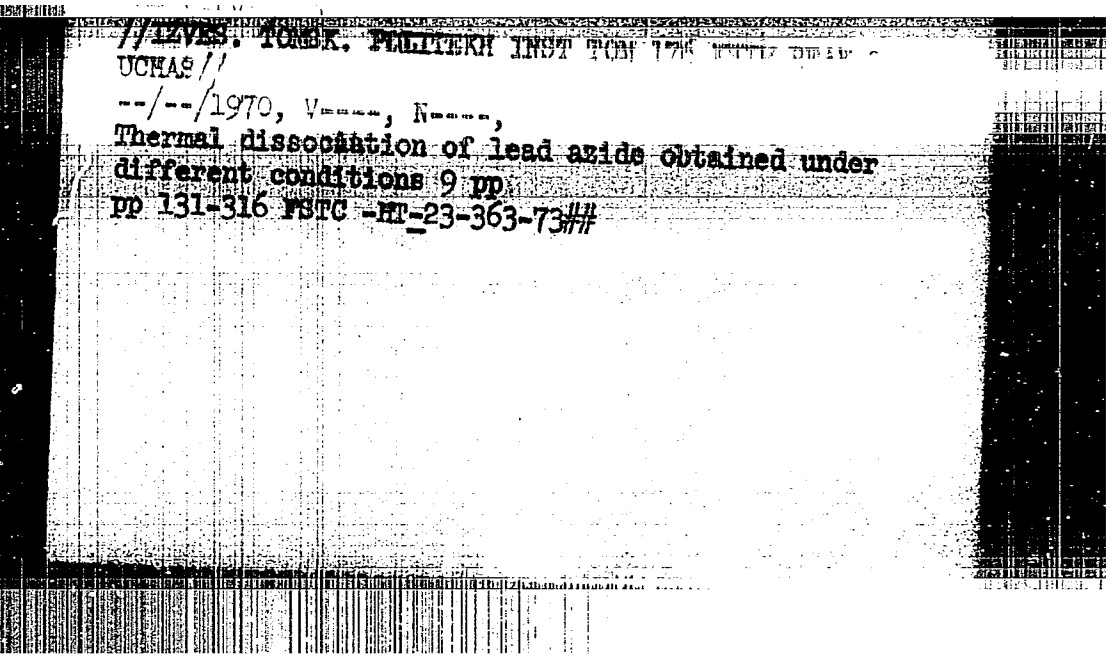
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



//IZV. TOMSK POLITEKH INST.//
--/--/1970, V0251, N-----,
Microscopic regularities in the electrical breakdown
of lead azide 11 pp
pp 219-229 FSTC-HT-23-909-73##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



//IZVES. TOMSK. POLITEKH INST IM [illegible]
UCHAS //
--/--/1970, V----, N----,
Thermal dissociation of lead azide obtained under
different conditions 9 pp.
pp 131-316 FSTC -HT-23-363-73##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Sukhushin, Yu. N.

Investigation of several microscopic mechanisms of the electrical breakdown of lead azide.
TOMSK. POLITEKHNICHESKII INSTITUT. IZVESTIYA, Vol 251, P. 219-229, 1970.
NTC 73-10673-19D
" " 11521-19A

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Zakharov, Yu.A

Catalysis of Thermal Decomposition of Heavy Metal Azides by Heterophase Additives 6 pp

IZVESTIA TOMSKOGO ORDENA TRUDOVOGO KRASNOGO ZNAMENI POLITEKHNICHESKOGO INSTITUTA IMENI S.M. KIROV, Vol 251, 1970 pp 143-151

FSTC-HT-23-160-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

ZAKHAROV, Yu. A.

Electrical Breakdown ...
Detonation in Halides ...

IZVESTIYA TOMSK, Vol 251, 1970, pp 213-218

FSTC-HT-23-2200-72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Klimenko, V. L.

Photosynthetic Activity of Winter Wheat Studied.
15 pp
IZVESTIYA TSKHA, Moscow, No 2, 1973, pp 29-37.
JPRS 60793

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

The Solubility Polytherm in the Ammonium Chloride-Urea-Water Ternary System, by N. N. Khitrova.
IZV. VORONEZHIK, GOS PED. INST., Vol 47, 1964, pp 152-155.
*NTIS TT 73-55005

March 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

The Analytic Determination of the Surface Wind Velocity Behind Open Snow Fences, by A.K. Dyunin.
RUSSIAN, Per, Akademiya Nauk SSSR, Izvestiya Vostochnykh Filialov Akademii Nauk SSSR.
No. 1, 1957, pp 95-108.
SFCSI TT 64-11066

Sci/Earth Sci
Aug 65

287,395

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Tochilenko, G. Ya.

On the climatic conditions of the anthropogene in the subtropical desert zone of the Arabian peninsula.
IZVESTIYA VSESOYUZNOE GEOGRAFICHESKOE OBSHCHESTVO,
Vol 99, No 3, 1967, pp 234-237
NTC 73-21944-04B

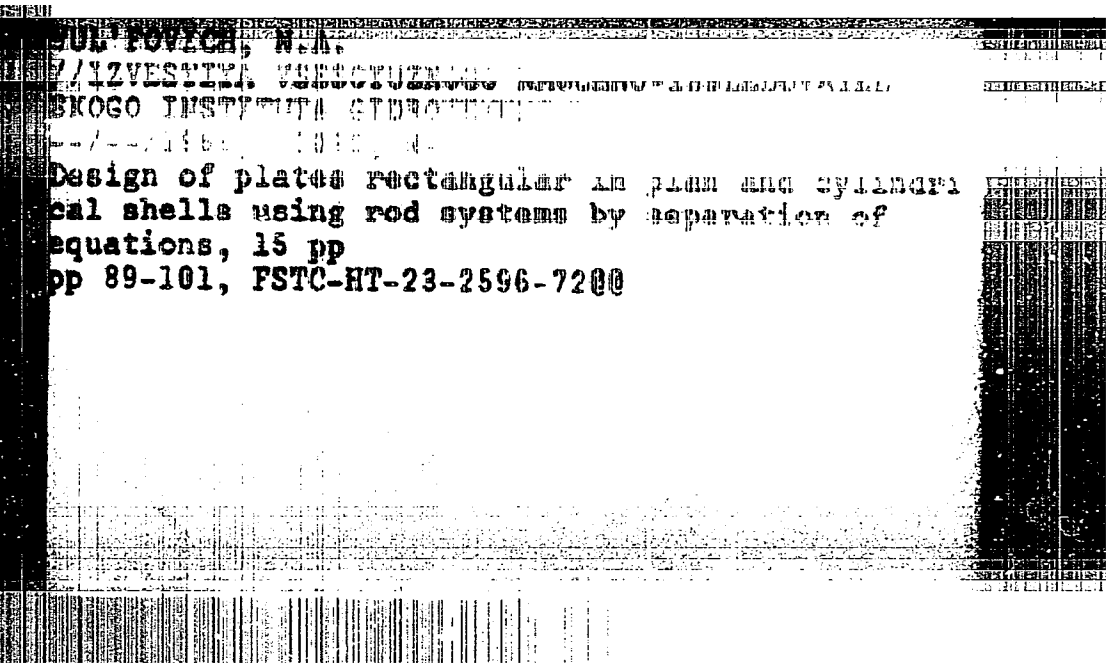
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

ISACHENKO, A. G.
//IZVESTIYA VSESOYUZNOGO GEOGRAFICHESKOGO OBSHCHESTVA//
--/--/1974, V----, NOOO5, pp 0361-0371
Sep/Oct 1974
The Landscape as an Object of Human Influence
15 pp
JPRS 63713

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



[illegible]UK, P.F.

[illegible]/IZVESTIYA. VYSSHIKH UCHEBNYKH ZAVEDENIY. STROITEL'STVO I ARKHITEKTURA.

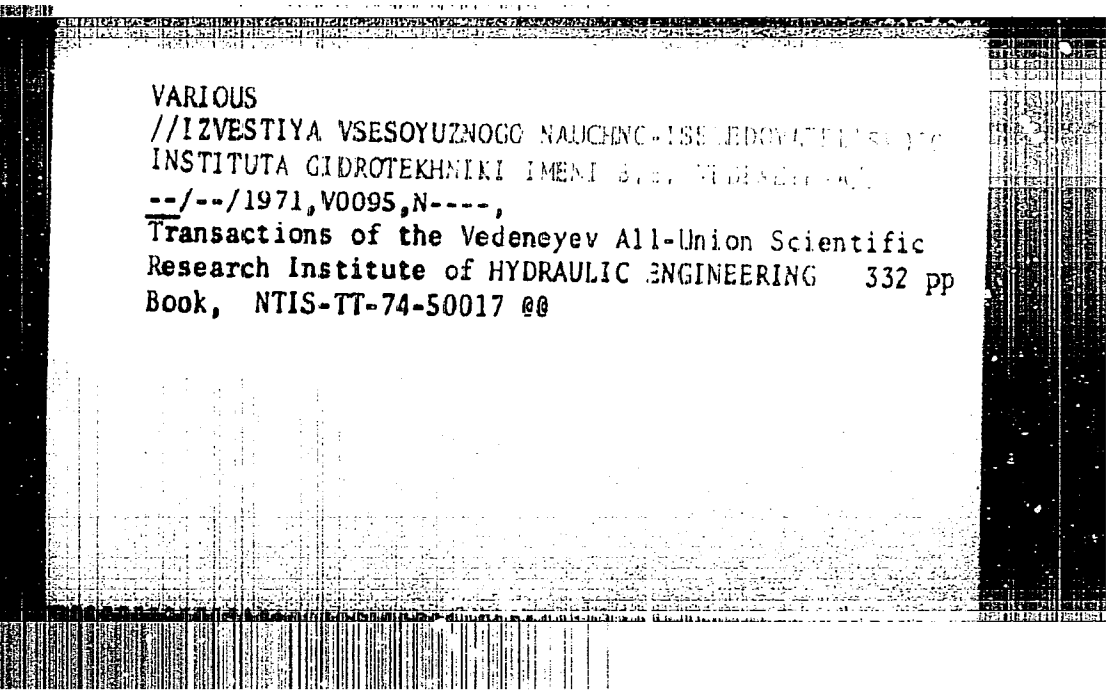
[illegible]SKOGO INSTITUTA STROITEL'STVA

[illegible]

Design of plates rectangular in plan and cylindri
cal shells using rod systems by separation of
equations, 15 pp
pp 89-101, FSTC-HT-23-2596-7200

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



VARIOUS
//IZVESTIYA VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO
INSTITUTA GIDROTEKHNIKI IMENI B.E. VEDENEEVA
--/--/1971,V0095,N----,
Transactions of the Vedeneyev All-Union Scientific
Research Institute of HYDRAULIC ENGINEERING 332 pp
Book, NTIS-TT-74-50017 @@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Transactions of the B.E. Vedeneev All-Union Scientific Research Institute of Hydraulic Engineering Vol 95

IZVESTIIA VSESOIUZNOGO NAUCHNO-ISSLEDOVATELSKOGO INSTITUTA Gidrotekhniki IMENI B.E. VEDENEEVA
Vol 95, 1971 297 pp

ON FILM UNDER *NTIS-TT-72-58005

CANCELLED BY NTIS 23 November 1973

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Ostroumova, I. N.

Blood indices and hemopoiesis in the individual development of fish.
VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT OZERNOGO I REChNOGO RYBNOGO KHOZYAISTVA, IZVESTIYA, Vol. 43, n. 3, 1957, p.3-64
NRC C-11941

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

LOPUKHINA,A.M.
//IZVESTIYA VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKIY
INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZYAYSTVA//
--/--/1972,V0080,N----,
Ecological analysis of the parasite fauna of adult
commerical fish in lake Verkhnee Vrevo,
pp 5-24,NTC 74-11500-06C##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Aman, Mohammad El-Bastavisi, and G.A. Smirnova 1972

Change in the fatty acid composition of carp muscle lipids in various processing methods (Izmeneniye zhirnokislotnogo sostava lipidov myshts karpa pri razlichnykh sposobakh obrabotki) Izvestiya vysshikh uchebnykh zavedeniy, (4): 33-35. In Russian.

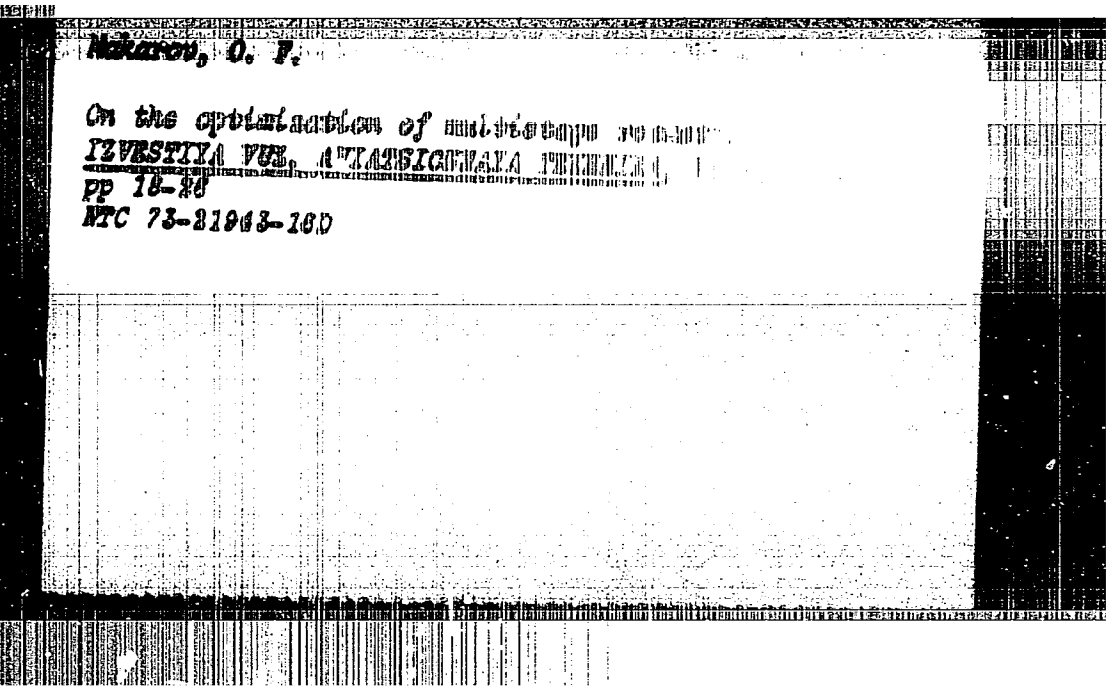
Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBO Halifax Lab., Halifax, N.S., 1973, as Transl. Series No. 2693, 5p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked...MP

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Makarov, O. F.

On the optimization of [illegible]

IZVESTIYA VUZ. AVIATSIONNAYA TEKHNIKA

pp 18-24

NTC 73-31048-18D

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Vinogradov, R. I.

Use of the Method of Variation of Similarity Constants in Designing Aircraft Over the Long Term.

10 pp
IZVESTIYA VUZ, AVIATSIONNAYA TEKHNIKA, Kazan',
No 4, 1966, pp 68-74.
JPRS 61923

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

SAKHAROV, B. I.
//IVUZ AVIATSIONNAYA TEKHNIKA//
--/--/1967, V----, N0004
Design of Thin, shallow rib stiffened spherical shells for axisymmetrical loads
pp 41-45 NISC 3589##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Yu V. Vidin

Unsteady Thermal Conductivity of Cylindrical Partitions with a Variable Coefficient of Heat Exchange.

Izvestiya Vuzov Aviatsionnaya Tekhnika Nr 2
1970 pp. 52-57
FSTC-HT-23-1047-72
ASCI K-1591

22 may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Vishnevskaya, N.L.

On the Possibility of the Terrestrial Magnetic Field Disappearing in an Inversion Process. IZVESTIYA VOUZOU; FIZIKA, No. 10, 1972, pp. 145-147
NISC 3464

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Birger, B. I.

Temperature Stresses in an Axisymmetrical [illegible]
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII, AVIATSIONNAYA TEKHNIKA, n. 1, 1971. pp. 24-28
NTC 73-21543-20M
NTIS N72-32943

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Semenikhin, P. V.

Specific impulse of miniature motors employing cryogenic fuels 10 pp
IZV. VYSSHIKH UCHEBN. ZAVEDENII, AVIATS. TEKHN. (KAZAN)
Vol 14, No 3, 1971 pp 50-53
NASA TT F 14,878

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Calculation of Heat Transfer in Reacting Media in Chemical Equilibrium, by V. K. Shchukin.
IZV VUZ AVIAT TEKH No 4 1971 pp 99-104.
NAVY/APL/JHU-T-2701

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Samsrov, M. G.

Influence of the Flexibility of the Rotor Elements on the Dynamic Deflection of the Rotor as a Whole

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY. AVIATSIONNAYA TEKHNIKA, v. 14, n. 2, 1971, pp. 67-

NTC 73-13193-01B

NTIS N72-29006

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Zhizhov, V. F.

Vibrations of a lumped mass on a ring connected to a thin shell.
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. AVIATSIONNAYA TEKHNIKA,,n. 1, p. 51-54, 1972
NTC 73-10941-20K

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Some Aspects of the Influence of Initial Turbulence on the Mixing of Plane Isothermal Jets, by Yu. V. Vinogradov.

IZV VUZ AVIAT TEKH No 2, 1972 pp 49-53.
NAVY/APL/JHU-T-2710

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

The Diffusion Method of Measuring Turbulence Characteristics, by Yu. A. Ivanov.
IZV VUZ AVIAT TEKH No 2 1972 pp 54-59.
NAVY/APL/JHU-T-2712

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Danilov, Yu. M.

Method of calculating the flow in a circular nozzle
IZV. VYSSHIKH UCHEBN. ZAVEDENII, AVIATS. TEKHN, 1972, Vol. 15, No. 2, p 60-66
NASA-TT-F-14847

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Dautov, I. V.

Longitudinal compression of a sandwich plate with initial deflection and physical nonlinearity of the middle layer (filler).

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. AVIATSIONNAYA TEKHNIKA, n. 2, p. 164-166, 1972.

NTC 73-10940-20K

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Gladchenko, N. K.

On the magnitude of the transverse force acting on the impeller of centrifugal.
IZVESTIYA VYSSHISKH UCHEBNYKH ZAVEDENII. AVIATSIONNAYA TEKHNIKA, No 2, 1972, pp 92-99.
NTC 73-11350-20K

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Lokai, V. I.

Investigation of the heat transfer between the gas and casing in the area of the apertures between the nozzle diaphragm blades and guide vanes of turbines.
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY, AVIATSIONNAYA TEKHNIKA, Vol 15, No 3, 1972, pp 62-67, A73-20086
NASA TT F-15,051

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Yermolenko, S. D.

Computation of the Aerodynamic Characteristics of a Rectangular Wing With Plates Moving at Low Subsonic Speed Near a Screen.

9 pp

IZVESTIYA VUZ. AVIATSIONNAYA TEKHNIKA, Kazan',
No 3, 1972, pp 105-112.
JPRS 60353

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

PREDICTION FOR A PARK OF HELICOPTERS OF THE S
AME TYPE

complete 10/75

MOISEYEV, V. S. LANGUAGE-RU COUNTRY-UR

IZV. VYS. UCHEB. ZAVED., AVIATSIONNAYA TEKHNI
KA, 4/1972, PP 9-13.

FSTC-HT-23-0597-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Liss, A. Yu.

Application of the method of integrating matrices to the calculation of the natural vibrations of a propeller blade with allowance for deflection in two planes and for torsion

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY, AVIATSIONNAYA TEKHNIKA, vol 16, no. 1, 1973, pp. 30-37 (A73-40389)

NASA TT F-15,365

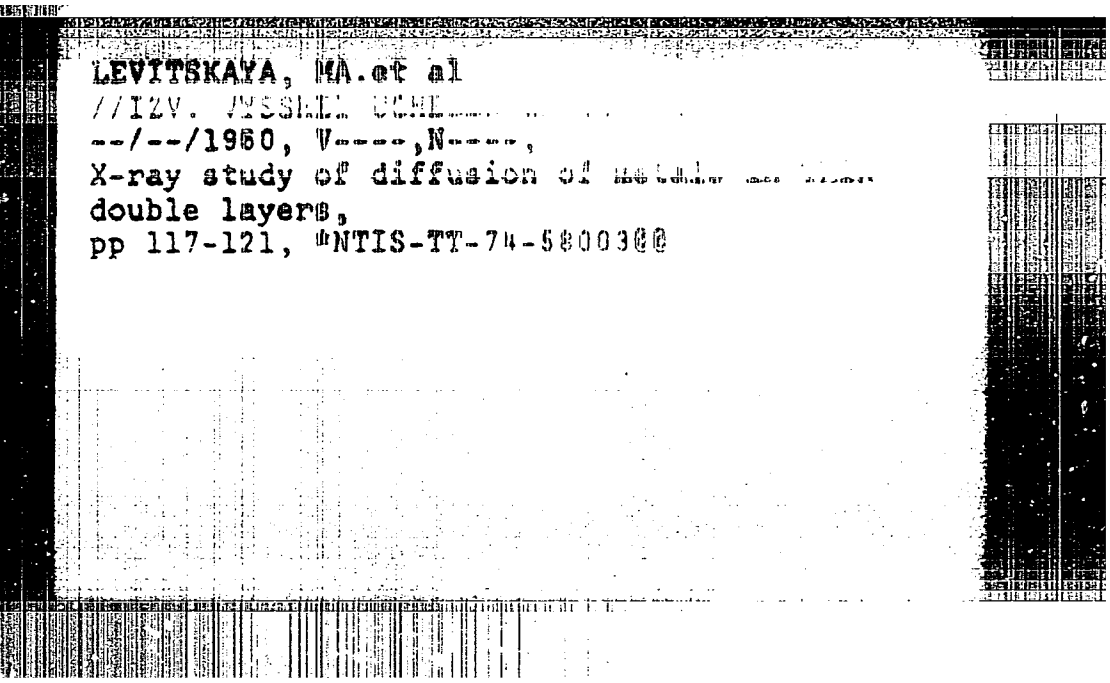
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

MESHKOV. V. I.
//IZV VYSSH UCHEB ZAVED CHERN MET
--/--/1960, V----,N----,
Activation energy of self diffusion and melting temperature
pp 93-98, *NTIS-TT-74-58022@@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

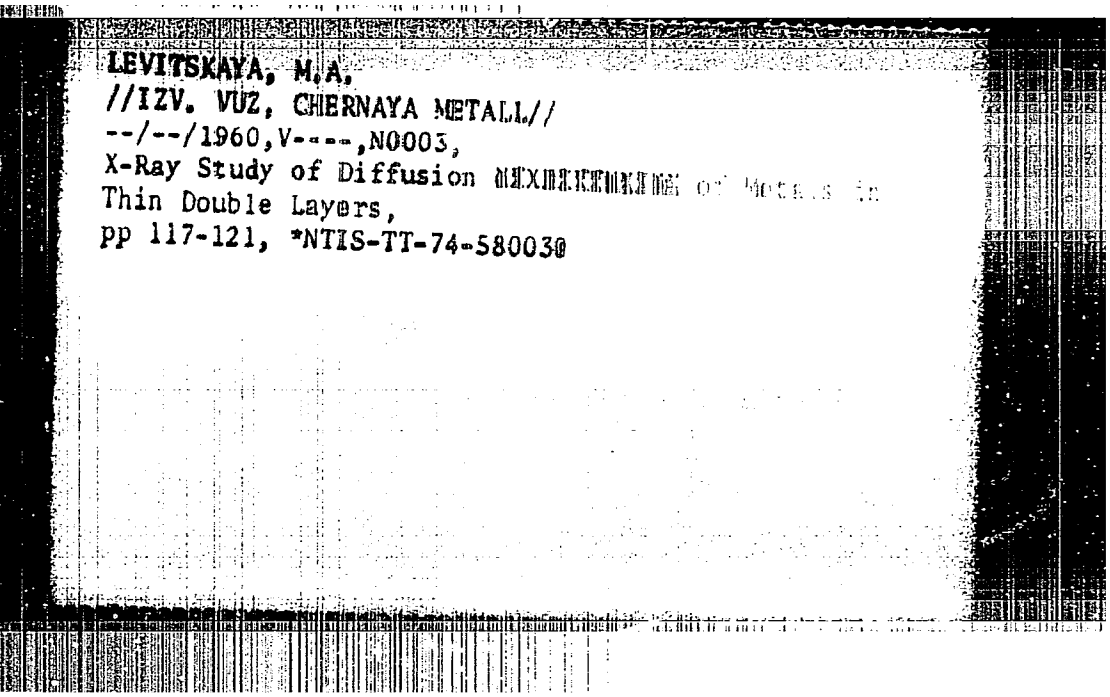
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



LEVITSKAYA, MA.et al
//IZV. AKAD. NAUK SSSR. OTD. TEKH. NAUK
--/--/1960, V----,N----,
X-ray study of diffusion of metals ... double layers,
pp 117-121, #NTIS-TT-74-58003@@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



LEVITSKAYA, M.A.
//IZV. VUZ, CHERNAYA METALL.//
--/--/1960,V----,N0003,
X-Ray Study of Diffusion [illegible] of Metals in
Thin Double Layers,
pp 117-121, *NTIS-TT-74-580030

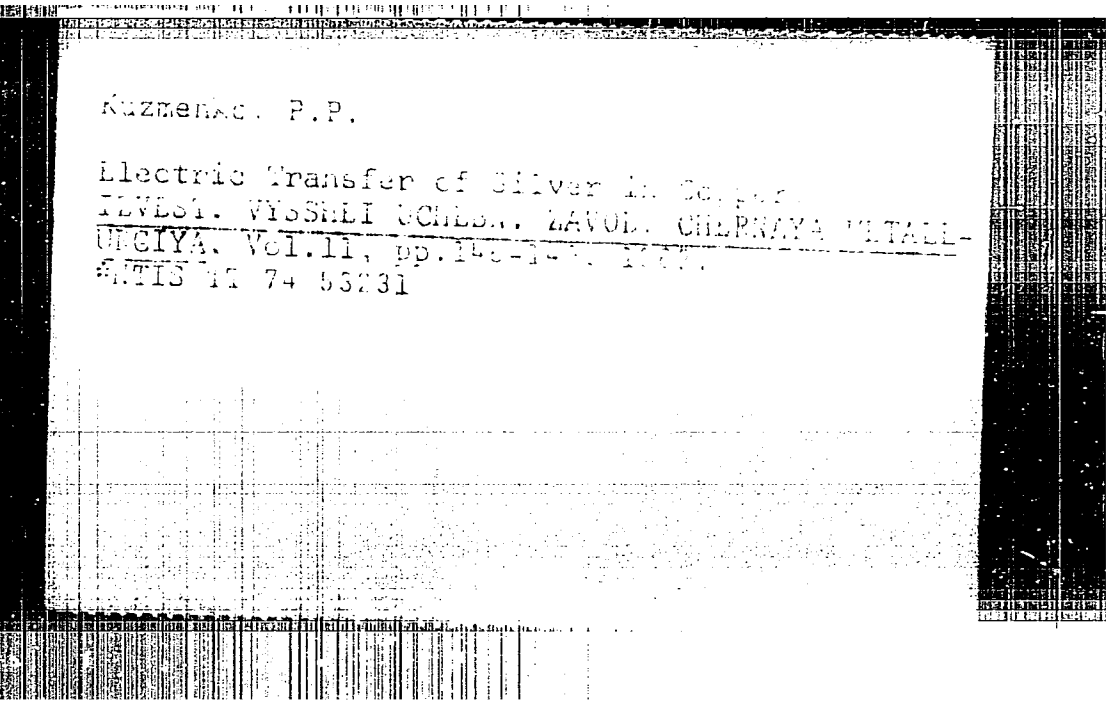
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

MESHKOV, V.I.
//IZV. VUZ, CHERNAYA METALL//
--/--/1960,V----,N0005
Activation Energy of Self-Diffusion and Melting Temperature of Metal
pp 93-98, *NTIS-TT-74-58022@@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Kuzmenko, P.P.

Electric Transfer of Silver in Copper
IZVEST. VYSSH. UCHEB. ZAVED. CHERNAYA METALLURGIYA, Vol.11, pp.[illegible]
NTIS AT 74 53231

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Sidorenko, M. T.

On the Question of the Refining of Rare Earth Metals

IZV. VUZ CHERN. MET., 1965, 8. No. 7, pp [illegible]

BISI 10427

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Particulars of the Calculation of Coke Replacement Equivalents in Blast Furnace Smelting by Fuels Injected into the Tuyeres, by Yu. N. Ovchinnikov, et al.
IZV. VUZ CHERN. MET. 1965, No 12, pp 29-35.
BISI 10214

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Model Investigation of the Deformation of Ingot Mould Walls Due to Heat, by A. V. Kuksa.
IZV. VUZ, CHERN, MET, 1967, No 1, pp 50-54.
BISI 11164

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

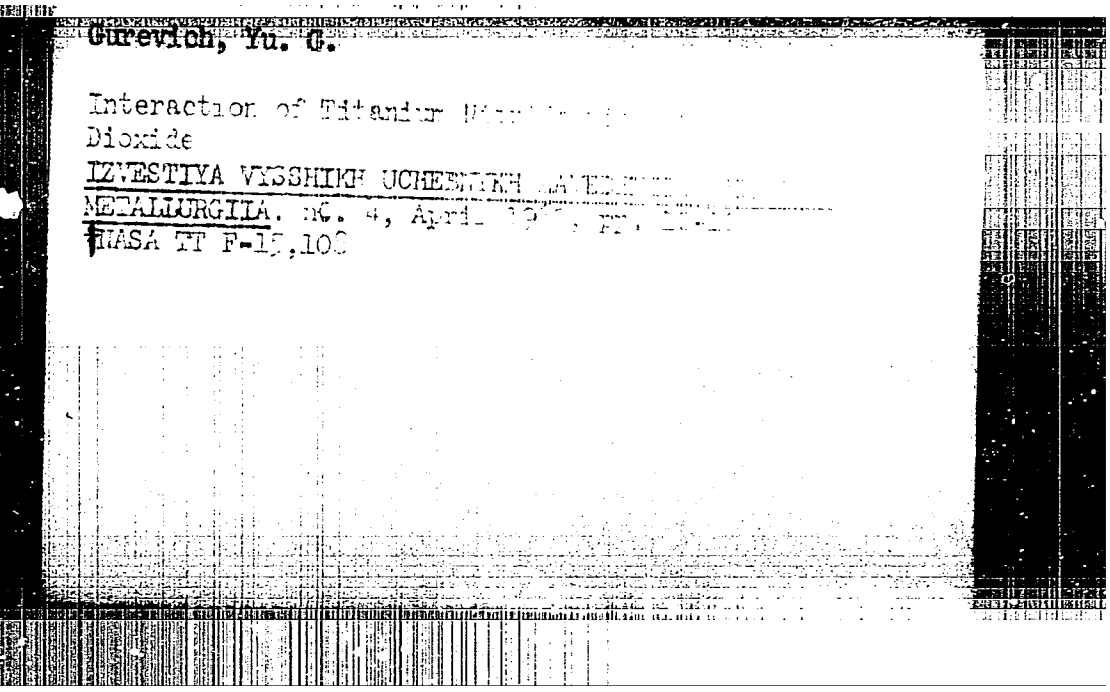
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Pashkeev, I. Yu.

Calculation of the solubility of carbon in alloys of silicon and calcium.
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. CHERNAYA METALLURGIYA, n. 2, 1967, p. 5-9
NTC 73-11556-11F

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Gurevich, Yu. G.

Interaction of Titanium [illegible]
Dioxide
IZVESTIYA VYSSHIKH UCHEBNYKH [illegible]
METALLURGIA. No. 4, April [illegible]
NASA TT F-15,100

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Kudin, I. N.

The Effect of Austenite Structure Flaws on Carbon Diffusion

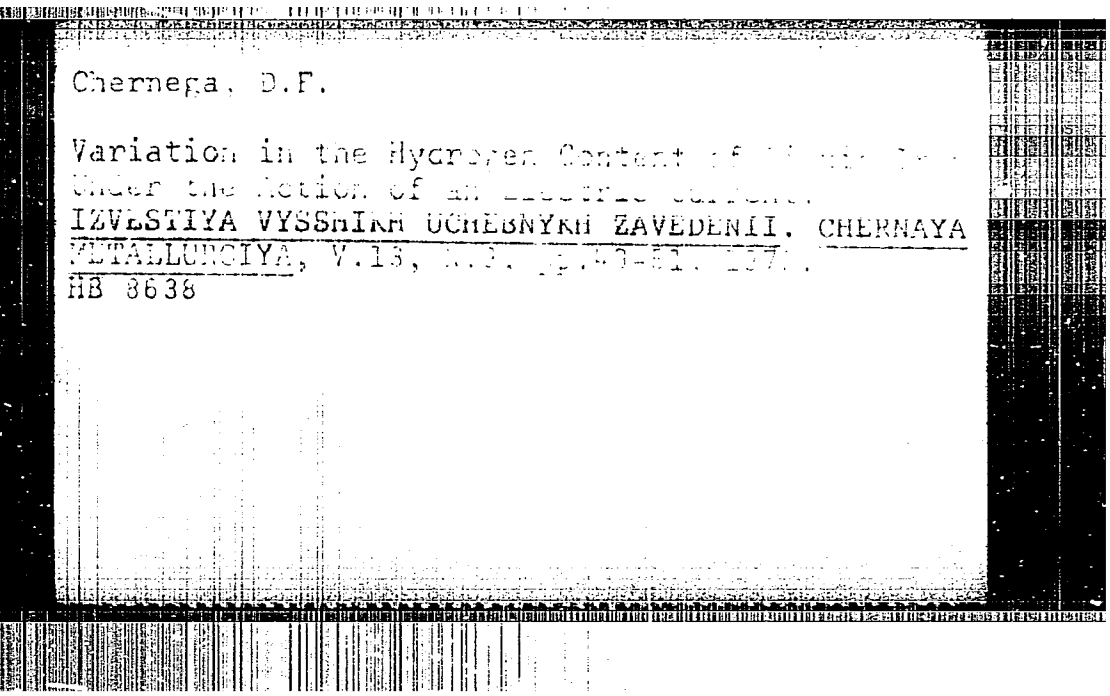
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. CHERNAYA METALLURGIYA, n. 11, 1969, pp. 131-135

NTC 73-12699-11F

NTIS N72-25516

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Chernega, D.F.

Variation in the Hydrogen Content of [illegible]
Under the Action of an Electric Current.
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII, CHERNAYA
METALLURGIYA, V.13, [illegible]
HB 8638

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Glebova, F. D.

Structural changes in [illegible]
during high-temperature [illegible]
IZVESTIYA [illegible] THERMAL
pp 133-136
NTC 73-13237-11F

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

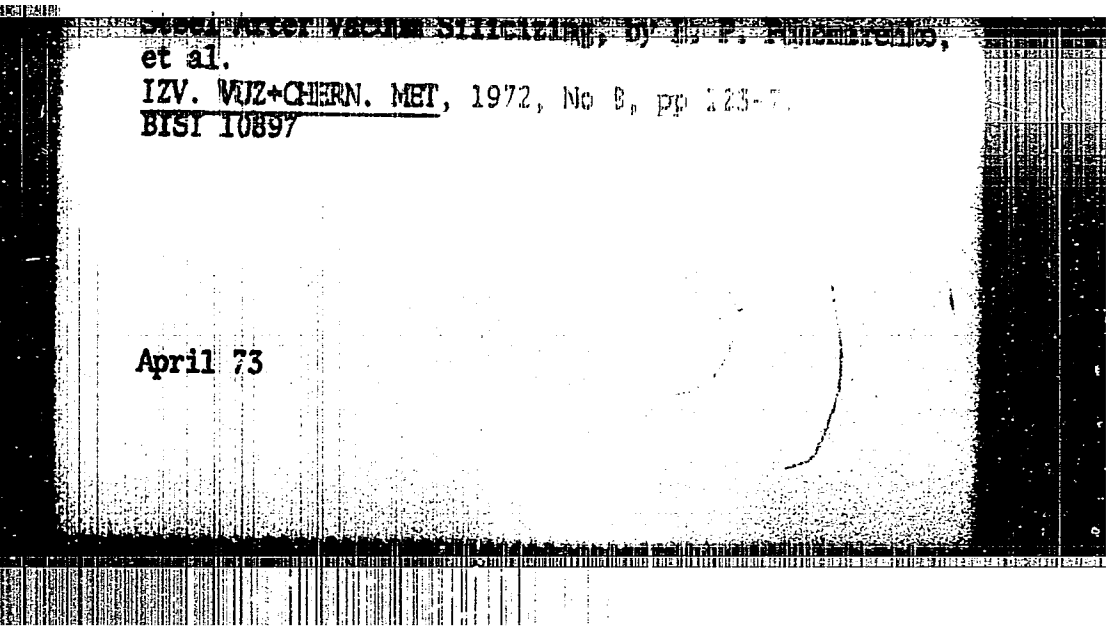
V. M. Moskvin

Transitional Processes and Optimum Parameters of
Acceleration (Deceleration) of a Continuous Cold
Rolling Mill, by V. M. Moskvin.
IZVEST. VUZ CHERN. MET., 1972, No 8, pp 81-87
BISI 10894

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



et al.
IZV. VUZ+CHERN. MET, 1972, No 8, pp 123-7.
BISI 10897

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

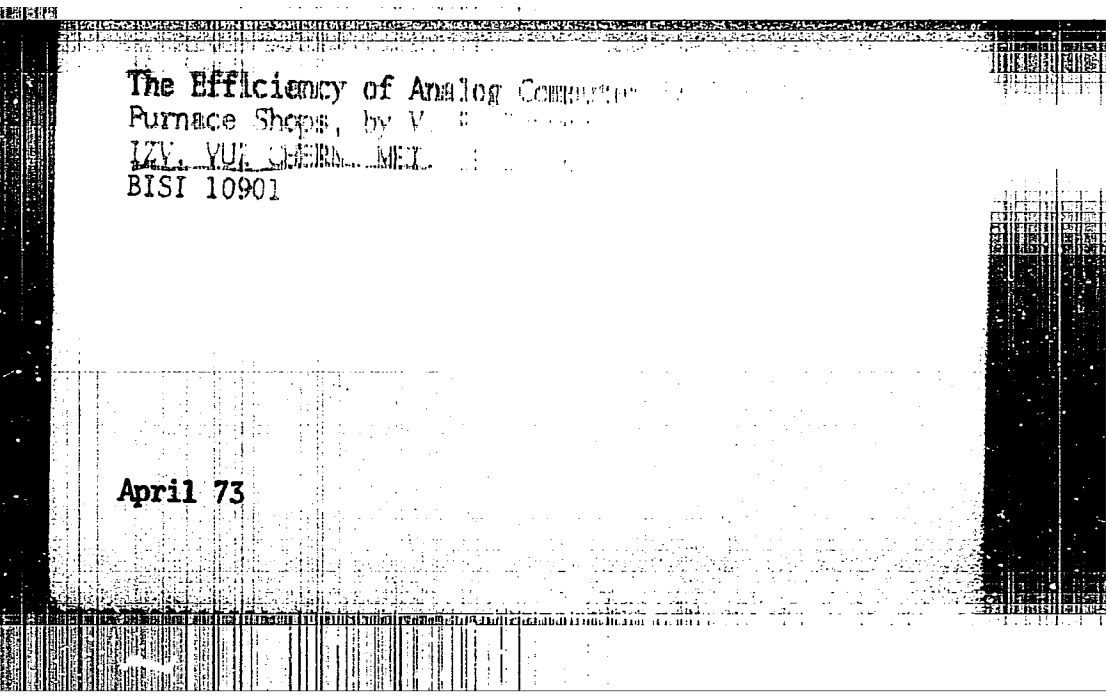
V.V. Goncharova, et al.

Chemical-Heat Treatment Practice and Control of the Structure of YuNDK3575 Magnetic Alloy.
IZV. VUZ CHERN. MET., No. 8, pp 136-139, 1972.
BISI 10898

apr 73

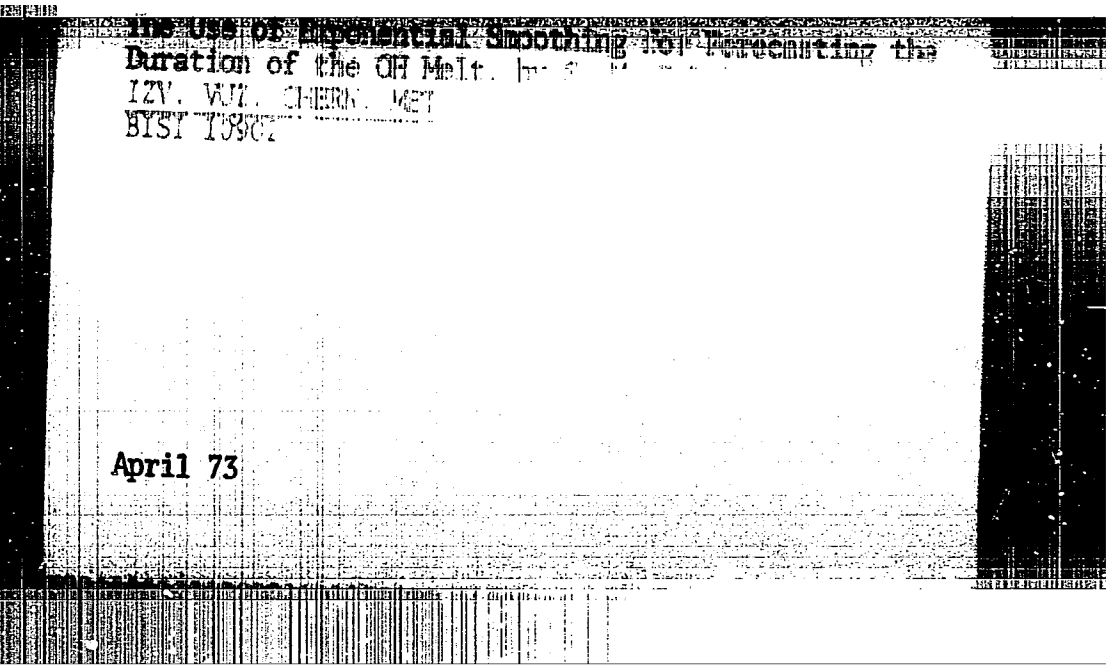
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Kostikov, V.I.

The Strength of Pyrographite Alloys.

IZV. VUZ. CHERN. MET., 1973, No.9, pp.5-7

BISI 17078

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Okhotskii, V.B. et al

Acoustic Characteristics of the Reaction Zone in the Oxygen-Blow Converter Process.

IZV. VUZ. CHERN. MET., 1973, No.9, pp.25-30.

BISI 12031

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

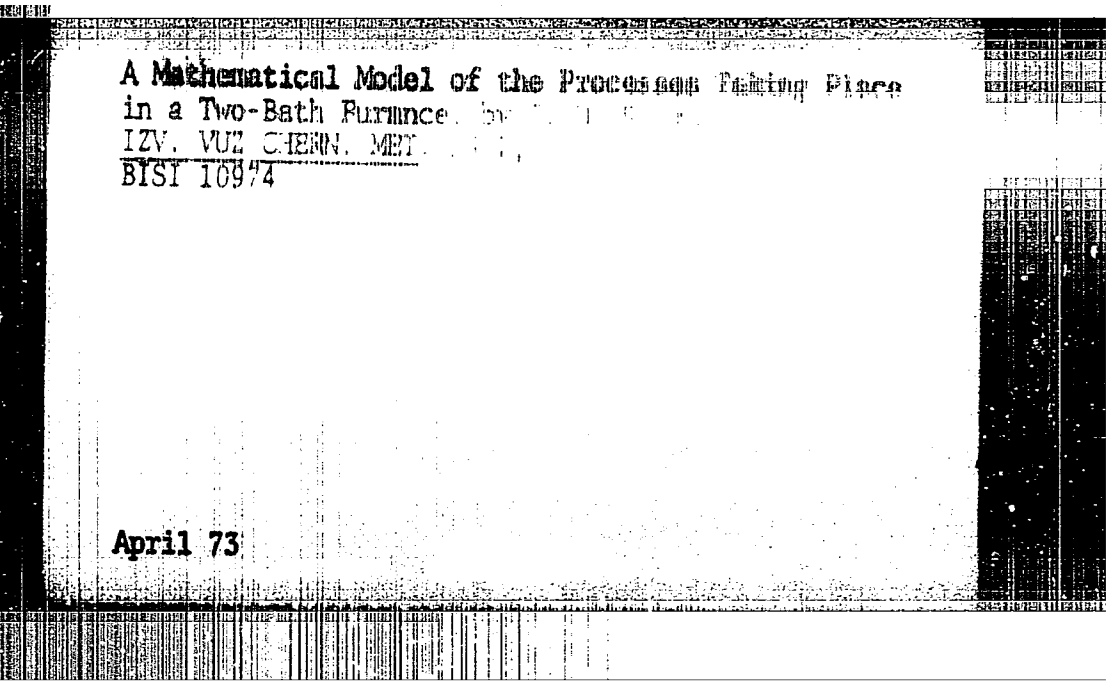
Zhilo, N.L.

Certain peculiarities of the formation of blast-furnace slags in operation on pellets from the Sokolovka-Sarbai mining beneficiation combine
IZV. VUZ CHERN. MET., 1972, No. 19, pp. 29-33
BISI 11091

June 73

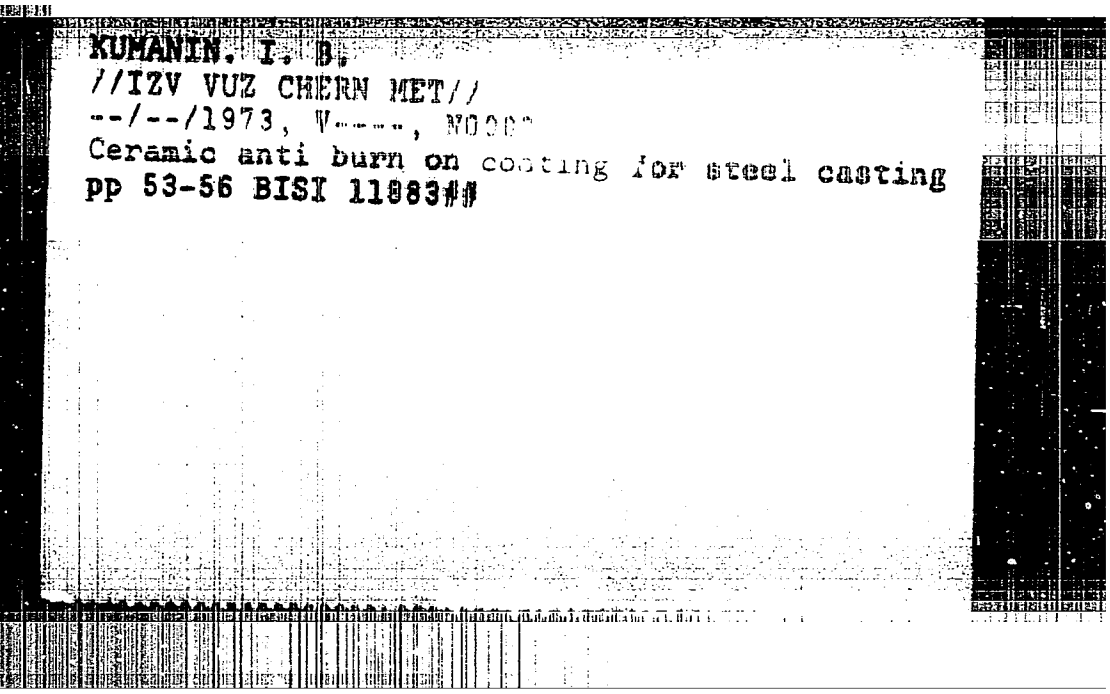
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

BROVMAN, M. YA. et al
//IZV VUZ CHERN MET//
--/--/1973, V----, NOC07
Deformation during the draft
vertical rolls
pp 92-96 BISI 11886##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

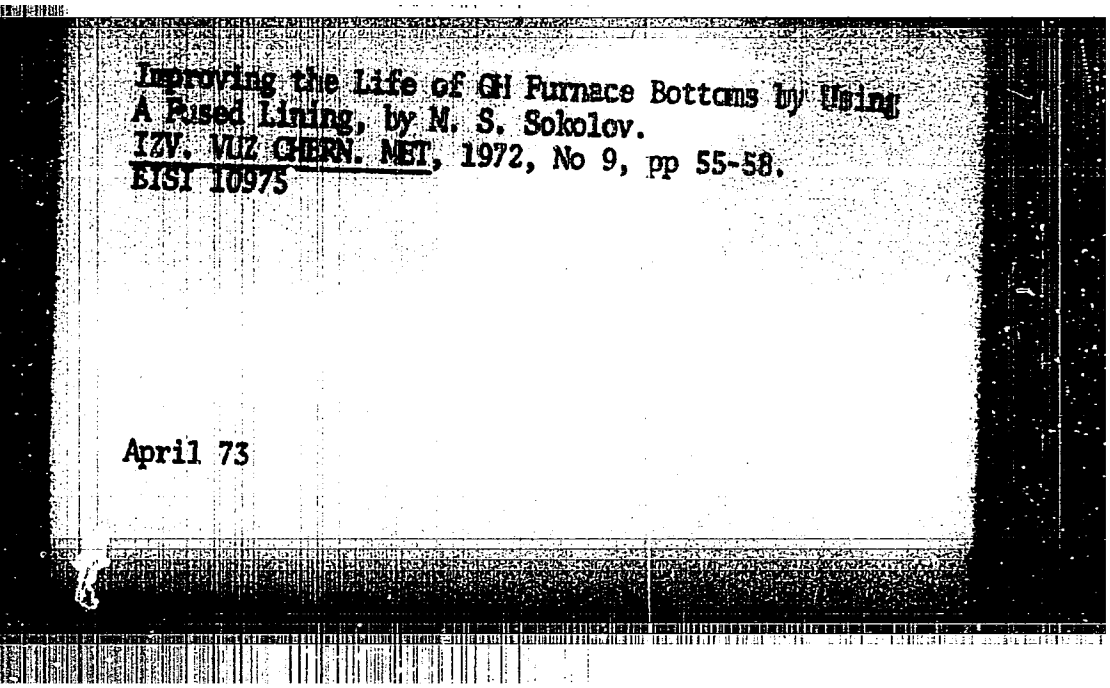
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Povkh, I.L. et al

Investigation of the Effect of Movement on the Chemical Heterogeneity of an Ingot
IZV. VUZ. CHERN. MET., 1973, No. [illegible]
BISI 12U32

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Improving the Life of OH Furnace Bottoms by Using A Fused Lining, by N. S. Sokolov.
IZV. VUZ CHERN. MET, 1972, No 9, pp 55-58.
BISI 10975

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

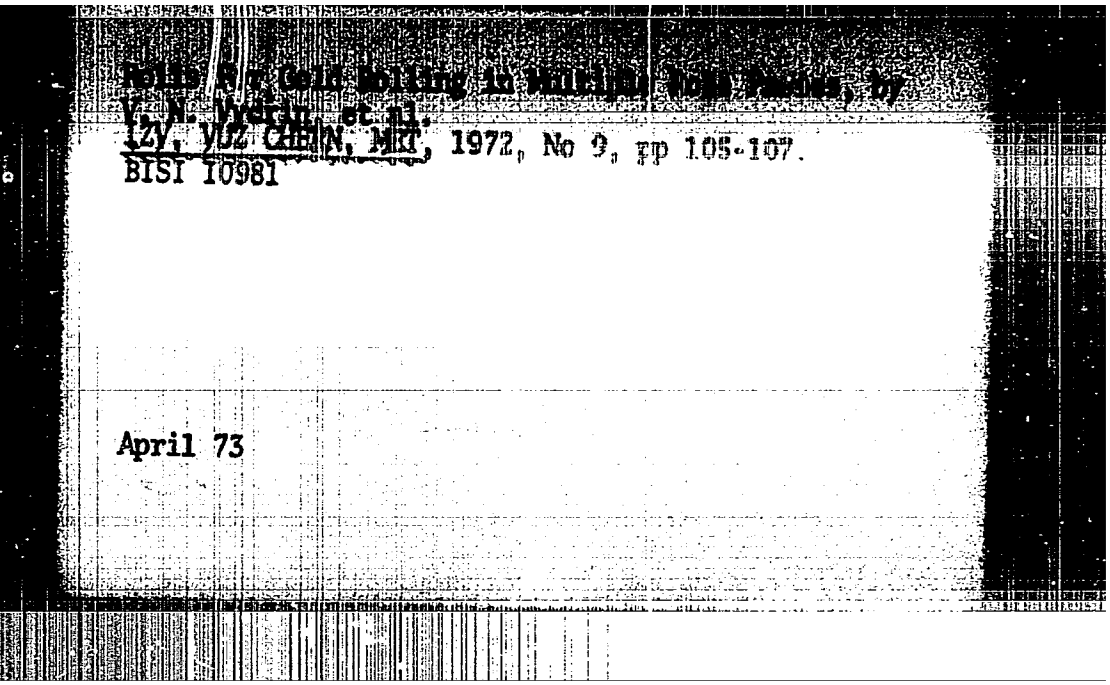
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Investigation of Spread When Rolling Rings, by
P. I. Polukhin, et al.
IZV. VUZ CHERN. MET. 1972, No 9, pp 65-72
BISI 10976

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4



Folio 5 of Cell Boiling in Multiple Wire Fuses, by
V.N. Vysin, et al.,
IZV. VUZ CHRN. MET., 1972, No 9, pp 105-107.
BISI 10981

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Karabasova, L.V.

The effect of the rate of heating for hardening on the structure of chromium martensite
IZV. VUZ CHERN. MET., 1972, No. 9, pp. 127-129
BISI 10983

June 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Zhukov, A.A.

Nature of the chilling effect of sulphur and chromium on the structure of cast irons.
IZV. VUZ CHERN. MET., 1972, No. 9, pp. 136-138
BISI 10984

june 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Crystallization of Spheroidal-Graphite Cast Iron, by O. S. Komarov.
IZV. VUZ CHERN. MET, 1972, No 9, pp 139-142.
BISI 10985

April 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

B. S. Fialkov

Formations and Dimensions of Tuyere Raceway Zones in the Blast Furnace.
IZV. VUZ CHERN. MET., No. 10, pp 24-28, 1972.
BISI 11090

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Kopyrin, I.A.

Distribution of sulphur in pellets from the Sokolovka-Sarbai mining-beneficiation combine
IZV. VUZ CHERN. MET., 1972, No. 10, pp. 39-43
BISI 11092

june 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

A. V. Vishnyakov, et al.

Evaluation of Metal Temperature Changes During the Filling of an Ingot Mould.
IZV. VUZ CHERN. MET. No. 10, pp 76-80, 1972.
BISI 11094

apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Freidenzon, M.E.

Variational-analytical method of solving variational problems in the processing of metals by pressure
IZV. VUZ CHERN. MET., 1972, No. 10, pp. 81-86
BISI 11095

June 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Moskvin, V.M.

Transitional processes and optimum control of the acceleration (retardation) of a continuous cold-rolling mill - II

IZV. VUZ CHERN. MET., 1972, No. 10, pp. 87-92

BISI 11096

June 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Chelyshev, N.A.

Effect of character of growth of static loads when gripping the metal with the rolls on the dynamics of the main mill drive - II

IZV. VUZ CHERN. MET., 1972, No. 10, pp. 93-96

BISI 11097

june 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

BELEN'KII . B. Z. et al
//IZV VUZ CHERN MET//
--/--/1973, V----, NOS
An investigation of the fine
after deformation during
pearlite transformation
pp 109-113 BISI 12090##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Seskii, S.V.

Carbon diffusion in iron-nickel alloys of dissimilar composition
IZV. VUZ CHERN. MET., 1972, No. 10, pp. 115-118
BISI 11098

june 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

V. I. Shapovalov

Mathematical Representation of the Graphitization Process.

IZV VUZ CHERN MAT., No 10, 1972, pp 137-42.

BISI 11099

Aug 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Elyutin, V.P.

The silica-carbon reaction at high temperatures
IZV. VUZ CHERN. MET., 1972, No. 11, pp. 5-8
BISI 11189

june 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Medzhibozhskiy, M. Ya.

Rate of Fusion of Metal Scrap in Open Hearth Furnaces when the Bath is Injected with Oxyge-

IZV. VUZ CHERN. MET.

BISI 11190

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Glinkov, G.M.

The charging of cold scrap to the molten bath of an open hearth furnace
IZV. VUZ CHERN. MET., 1972, No. 11, 46-49 pp.
BISI 11192

june 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Kocho, V.S. et al

Some features of the heating up of an open hearth bath under conditions of intensive oxygen injection.
IZV. VUZ CHERN. MET., 1972, No.11, pp.54-55
BISI 11193

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Kalashnikov, Yu. V. et al.

Investigation of the process in four-roll passe square.

IZV. VUZ CHERN. MET., 1972, No.11, pp.78-9

BISI 11194

9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

B. A. Obodovskii

Stress State in the Torsion of the Parts of Wobbler Couplings of Rolling Mills.

IZV. VUZ CHERN. MET., No. 11, pp 84-86, 1972.

BISI 11195

apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4

Levanov, A.N.

Contact stresses in rolling thick stock with mismatching of roll speeds
IZV. VUZ CHERN. MET., 1972, No. 11, pp. 87-90
BISI 11196

June 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100440041-4